PTO/SB/05 (06-03)

Approved for use through 07/31/2003. OMB 0651-0032

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UTILITY PATENT APPLICATION

| Attorney Docket No. | 15156US01 | | | | | |
|------------------------|---|--|--|--|--|--|
| First Inventor | Anand Pande | | | | | |
| Title | "Calculation of Gray Codes Using Exhaustive Combinations" | | | | | |
| Express Mail Label No. | EV 164034490 US | | | | | |

| TRANSMITTAL | | | Title | | Exhaustive Combinations" | | | | |
|---|--|-----------------|--|---|--|-----------------|-------------------------|--|--|
| (Only for new nonprovisional applications under 37 CFR 1.53(b)) | | | | | fail Label No. | EV 164034490 US | | | |
| APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents. | | | ADDRES | ADDRESS TO: Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 | | | | | |
| 2. Applican See 37 (3. Specifica (preferred a -Descriptii -Cross Re -Statemer -Referenc program -BackgrouBrief Des -Detailed -Claim(s) | arrangement set forth below) tive title of the invention eference to Related Applications ent Regarding Fed sponsored R&D ce to sequence listing, a table, or a computer ent listing appendix und of the Invention scription of the Drawings (if filed) Description | | | 7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. Computer Readable Form (CRF) b. Specification Sequence Listing on: i. CD-ROM or CD-R (2 copies); or ii. Paper c. Statements verifying identity of above copies ACCOMPANYING APPLICATION PARTS | | | | | |
| 4. Drawing | (s) (35 U.S. | C. 113) | [Total Sheets <u>4</u>] | 10. | | | | | |
| 5. Oath or Declaration [Total Sheets 3] a. Newly executed (original or copy) | | | | 11. | 11. English Translation Document (if applicable) | | | | |
| b. Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 completed) i DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). | | | | 13. Preliminary Amendment Return Receipt Postcard (MPEP 503) (Should be specifically itemized) 15. Certified Copy of Priority Document(s) (if foreign priority is claimed) Nonpublication Request under 35 U.S.C. 122(b) (2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. | | | | | |
| 6 Applicati | on Data Sh | eet. See 37 CFR | 1.76 | 17. Other: | | | | | |
| 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation-in-part (CIP) of prior application No.: 10/692,957 Prior application information: Examiner: Art Unit: For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The | | | | | | | | | |
| incorporation can only | v be relied up | | nas been inadvertent 19. CORRESPON | | | d application | on parts. | | |
| Customer Number: 23446 | | | | | OR _ | Corre | spondence address below | | |
| Name | | | | | | | | | |
| Address | | | Malloy, Ltd. Street; 34 th F | loor | | | | | |
| City Cbicago State | | | Illinois Zip Code 60661 | | | e 60661 | | | |
| Country USA Telephone | | | 312-775-8000 Fax 312-775-8100 | | | 312-775-8100 | | | |
| Name (Print/type) MIRUT DALKI Begistration | | | | tion No. (Atto | on No. (Attorney/Agent) 44,052 Date November 17, 2003 | | | | |

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FEE TRANSMITTAL for FY 2004

Patent Fees are subject to annual revision.

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| TOTAL AMOUNT OF PAYMENT | (\$)770.00 |

| Complete if Known | | | | | |
|----------------------|-------------------|--|--|--|--|
| Application Number | Not Yet Known | | | | |
| Filing Date | November 17, 2003 | | | | |
| First Named Inventor | Anand Pande | | | | |
| Examiner Name | Not Yet Known | | | | |
| Group Art Unit | Not Yet Known | | | | |
| Attorney Docket No. | 15156US01 | | | | |

| 1. Signature 1. Section 1 | | METHO | OD OF PAYMENT | • | FEE CALCULATION (continued) | | | CALCULATION (continued) | · | |
|---|---|-------------------|---|-------------|-----------------------------|--------------------|-----------|-------------------------|--|-------------|
| Table Tabl | 1. ☑ The Co | ommissioner is h | r is hereby authorized to charge indicated fees and | | | 3. ADDITIONAL FEES | | | | |
| Popular Popu | | | | | Large | • | Smal | 1 | | |
| Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 | Account | | 13-0017 | 7 | | Fee | Fee | Fee | | |
| Second Charge Any Additional Fee Required Under 37 CFR 1,16 and 1.17 | | Man | draws Hold & Malley | | | | | | | |
| Applicant calims small entity status. 1053 130 1053 130 Non-English specification | Name | | <u> </u> | _ | 1052 | 50 | 2052 | 25 | | |
| See 37 CFR 1.27 | | | • | 16 and 1.17 | 4050 | 400 | 4050 | 400 | No. 1990 - 11 No. 1 Control of the C | |
| 1812 2,520 1814 2,520 1814 2,520 1814 2,520 1814 1805 1,840 | | | ill entity status. | | 1053 | 130 | 1053 | 130 | Non-English specification | |
| Requesting publication of SIR prior to Examiner action SIR prior to Examiner SIR prior to | | | | | 1812 | 2,520 | 1812 | 2,520 | For filing a request for ex parte reexamination | |
| 1. BASIC FILING FEE Large Entity Small Entity Fee Fe | ☑ Chec | k 🔲 Credit Ca | rd ☐Money Order ☐ Other | | 1804 | 920* | 1804 | 920* | | |
| Large Entity Small Entity Fee | | FEE | CALCULATION | | 1805 | 1,840 | *1805 | 1,840* | | |
| Total Claims | | | | | | | | | | |
| Code (\$) Cod | | | Fee Description | | | | | | * * | |
| 1001 770 2001 385 Utility filing Fee 1250 1,005 160 2005 8 | | | . 00 2000pag | Fee Paid | | | | | · • | |
| 1002 340 2002 170 Design filing Fee 1255 1,005 Extension for reply within firth month 1254 1,005 Extension for reply within firth month 1255 1,005 1255 1,005 1255 1255 1,005 1255 1255 | 1001 77 | 0 2001 385 | Utility filing Fee | 770.00 | | | | | * * | |
| 1003 530 2003 265 Plant filling fee | | | , • | | | | | | · • | |
| 1004 770 2004 385 Reissue filing fee | | | • • | | | | | | | |
| 1005 160 2005 80 Provisional filing fee | 1003 53 | 0 2003 265 | Plant filing fee | | | | | | • | |
| 1451 1,510 1451 1510 1451 1510 Petition to institute a public use proceeding 1451 1,510 1451 1510 Petition to revive - unavoidable 1452 110 2452 55 Petition to revive - unavoidable 1453 1,330 2453 665 Petition to revive - unavoidable 1453 1,451 1,510 1451 1510 | 1004 77 | 0 2004 385 | Reissue filing fee | | | | | | • '' | \vdash |
| 1452 110 2452 55 Petition to revive - unavoidable Petition to revive - unavoidable Petition to revive - unintentional Petition to revive - unintention in petition Petition to revive - unintentional Petition to revive - unintentional Petition to revive - unintention in tention in end of intention in tention in te | 1005 16 | 0 2005 80 | Provisional filing fee | | | | | | | |
| 2. EXTRA CLAIM FEES Extra Claims G - 20** = G X = G | | | | | | | | | | |
| 2. EXTRA CLAIM FEES Extra Claims | SUPTOTAL (1) (6) | | | | | | | | | |
| Total Claims Signature S | | | | 4 | | | | | | |
| Total Claims G - 20** = G x = G | 2. EXTRA CL | AIM FEES | | | | | | | · · · · · · | |
| Total Claims 6-20** = 0 x | | | | | | | | | • | |
| Total Claims 8-20** = 0 x | | _ | Extra Claims below | | | | | | | |
| Independent Claims 2-3** = 0 x | Total Claims | 6 - 20** = | 0) x = | 0 | | | | | | |
| Claims 2-3** = 0 x | Independent | _ | | _ | | | | | • | |
| Large Entity Small Entity Fee Fee Fee Fee Fee Fee Fee Fee Fee Score (\$) Code (\$) 1202 18 2202 9 Claims in excess of 20 1201 86 2201 43 Independent claims in excess of 3 1203 290 2203 145 Multiple dependent claims over original patent 1205 18 2205 9 **Reissue claims in excess of 20 and over original patent SUBTOTAL (2) (\$) 1809 770 2809 385 Filing a submission after final rejection (37 CFR § 1.129(a)) 1810 770 2810 385 For each additional invention to be examined (37 CFR § 1.129(b)) 1810 770 2810 385 Request for Continued Examination (RCE) 1802 900 1802 900 Request for expedited examination of a design application Other fee (specify) | | | | <u>0</u> | | | | | Recording each patent assignment per property | |
| Fee Fee Code (\$) Fee Description 1202 18 2202 9 Claims in excess of 20 1201 86 2201 43 Independent claims in excess of 3 1202 18 2202 9 Claims in excess of 3 1203 290 2203 145 Multiple dependent claims over original patent 1204 86 2204 43 "Reissue claims in excess of 20 and over original patent 1205 18 2205 9 "Reissue claims in excess of 20 and over original patent SUBTOTAL (2) (\$) | , , | | | | 1809 | 770 | 2809 | 385 | Filing a submission after final rejection (37 CFR § | |
| 1202 18 2202 9 Claims in excess of 20 1201 86 2201 43 Independent claims in excess of 3 1203 290 2203 145 Multiple dependent claims over original patent 1205 18 2205 9 **Reissue claims in excess of 20 and over original patent SUBTOTAL (2) (\$\$) | Fee Fee | Fee Fee | Fee Description . | | 1810 | 770 | 2810 | 385 | For each additional invention to be examined (37 | |
| 1201 86 2201 43 Independent claims in excess of 3 1203 290 2203 145 Multiple dependent claim, if not paid 1204 86 2204 43 **Reissue independent claims over original patent 1205 18 2205 9 **Reissue claims in excess of 20 and over original patent SUBTOTAL (2) (\$) | 1202 18 | | Claims in excess of 20 | | 1801 | 770 | 2801 | 385 | Request for Continued Examination (RCE) | |
| 1203 290 2203 145 Multiple dependent claim, if not paid 1204 86 2204 43 **Reissue independent claims over original patent 1205 18 2205 9 **Reissue claims in excess of 20 and over original patent SUBTOTAL (2) (\$) | | | | 3 | 1802 | 900 | 1802 | 900 | | |
| 1204 86 2204 43 **Reissue independent claims over original patent 1205 18 2205 9 **Reissue claims in excess of 20 and over original patent SUBTOTAL (2) (\$) | 1203 290 2203 145 Multiple dependent claim, if not paid | | Other | fee (sp | ecify) | | • • | | | |
| and over original patent SUBTOTAL (2) (5) | | | | , , , | | | | | | |
| SUBTOTAL (2) (5) | 1205 18 | 2205 9 | **Reissue claims in excess of 20 |) | | | | | | |
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| | **or number p | reviously paid, i | | | *Redu | ced by | Basic Fil | ing Fee F | Paid SUBTOTAL (3) (\$ |) |

| SUBMITTED BY Complete (if applicable) | | | | | | | |
|---------------------------------------|----------------|---|-----------|-------------------|--|--|--|
| Name (Print/Type) | Mirut P. Dalal | Registration No. (Attorney or Agent) | Telephone | 312-775-8000 | | | |
| Signature | | | Date | November 17, 2003 | | | |